

SEQUENCE LISTING

<110> MOCKEL, Bettina  
KREUTZER, Caroline  
BATHE, Brigitte

<120> NUCLEOTIDE SEQUENCES CODING FOR THE luxR GENE

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<151> 2000-08-10

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<170> PatentIn version 3.1

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<212> DNA

<213> Corynebacterium glutamicum

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gactaaagta cgattcatct gctcatcgat actcttgaag gcgcattttc attcgaaacg	180
aagtgcgcca ttgggaagga cctagttcaa aca atg att cgc gtg ctg ctt gct	234
Met Ile Arg Val Leu Leu Ala	
1 5	
gat gac cac gaa atc gtg agg ctc gga ctc cga gct gtg ctg gaa agc	282
Asp Asp His Glu Ile Val Arg Leu Gly Leu Arg Ala Val Leu Glu Ser	
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Ala Glu Asp Ile Glu Val Val Gly Glu Val Ser Thr Ala Glu Gly Ala	
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Val Gln Ala Ala Gln Glu Gly Gly Ile Asp Val Ile Leu Met Asp Leu	
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Arg Phe Gly Pro Gly Val Gln Gly Thr Gln Val Ser Thr Gly Ala Asp	
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gcc acc gca gcc atc aag cga aac atc gat aac ccg cca aaa gtc ctg	474
Ala Thr Ala Ala Ile Lys Arg Asn Ile Asp Asn Pro Pro Lys Val Leu	
75 80 85	
gtc gtg acc aac tac gac acc gac aca gac atc ctc ggc gca atc gaa	522
Val Val Thr Asn Tyr Asp Thr Asp Thr Asp Ile Leu Gly Ala Ile Glu	
90 95 100	
gcc ggc gca ctg ggc tac ctg ctc aaa gac gcc cca ccg agc gaa ctc	570
Ala Gly Ala Leu Gly Tyr Leu Leu Lys Asp Ala Pro Pro Ser Glu Leu	
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Met Val Ala Asn Arg Leu Met Thr Arg Val Arg Thr Pro Lys Thr Ser	
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Leu Thr Pro Arg Glu Leu Glu Val Leu Lys Leu Val Ala Gly Gly Ser	
155 160 165	

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Ser Asn Arg Asp Ile Gly Arg Ile Leu Phe Leu Ser Glu Ala Thr Val	
170 175 180	

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185 190 195	

acc tcc gct gtc gca gcc gca cgt gag cag ggg ctg ctg tagcgggggt	859
Thr Ser Ala Val Ala Ala Ala Arg Glu Gln Gly Leu Leu	
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Asp:Val Ile Leu Met Asp Leu Arg Phe Gly Pro Gly Val Gln Gly Thr
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Gln Val Ser Thr Gly Ala Asp Ala Thr Ala Ala Ile Lys Arg Asn Ile
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Asp Asn Pro Pro Lys Val Leu Val Val Thr Asn Tyr Asp Thr Asp Thr  
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Asp Ile Leu Gly Ala Ile Glu Ala Gly Ala Leu Gly Tyr Leu Leu Lys  
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Asp Ala Pro Pro Ser Glu Leu Leu Ala Ala Val Arg Ser Ala Ala Glu  
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Gly Asp Ser Thr Leu Ser Pro Met Val Ala Asn Arg Leu Met Thr Arg  
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Lys Leu Val Ala Gly Gly Ser Ser Asn Arg Asp Ile Gly Arg Ile Leu  
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Phe Leu Ser Glu Ala Thr Val Lys Ser His Leu Val His Ile Tyr Asp  
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<213> Corynebacterium glutamicum

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gcagaaggtg actccacact gtcacccatg gttgcgaacc gcctgatgac tcgcgtgcgc	300
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